

**EAST Search History****EAST Search History (Prior Art)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	66381	(ikeda.in. kobayashi.in. kabushiki.in. sawada. in. sasaki.in. sakata. in.)	US_PGPUB; USPAT	OR	ON	2010/11/03 15:18
L2	466	I1 and (sheet\$3 near2 process\$3) and bind\$3	US_PGPUB; USPAT	OR	ON	2010/11/03 15:18
L3	159	I2 and (punch\$3)	US_PGPUB; USPAT	OR	ON	2010/11/03 15:19
L4	77	I3 and (align\$3)	US_PGPUB; USPAT	OR	ON	2010/11/03 15:20
L5	66	I4 and hole\$3	US_PGPUB; USPAT	OR	ON	2010/11/03 15:20
S1	244	270/58.07.ccls.	US_PGPUB; USPAT; USOOCR; FFPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/05 11:57
S2	692	270/58.08.ccls.	US_PGPUB; USPAT; USOOCR; FFPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/05 11:57
S3	204	270/58.11.ccls.	US_PGPUB; USPAT; USOOCR; FFPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/05 11:58
S4	200	270/58.12.ccls.	US_PGPUB; USPAT; USOOCR; FFPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/05 11:58
S5	244	270/58.07.ccls.	US_PGPUB; USPAT; USOOCR; FFPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/05 13:36

S6	692	270/58.08.ccls.	US_PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/05 13:36
S7	204	270/58.11.ccls.	US_PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/05 13:36
S8	200	270/58.12.ccls.	US_PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/05 13:36
S9	0	(S5 S6 S7 S8) and (punch\$3 near10 hole \$3) and bind\$3 and (movable\$3 near10 pin \$3) near10 hole\$3	US_PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/05 13:36
S10	0	"270"/\$.ccls. and (punch\$3 near10 hole \$3) and bind\$3 and (movable\$3 near10 pin \$3) near10 hole\$3	US_PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/05 13:36
S11	4	"270"/\$.ccls. and (punch\$3 near10 hole \$3) and bind\$3 and (move\$4 near10 pin \$3) near10 hole\$3	US_PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/05 13:37
S12	10	"412"/\$.ccls. and (punch\$3 near10 hole \$3) and bind\$3 and (move\$4 near10 pin \$3) near10 hole\$3	US_PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/05 13:40

S13	34	("3122761"   "3367649"   "3459242"   "3467150"   "3486537"   "3592242"   "3793660"   "3818954"   "3826290"   "3889309"   "3924664"   "3967336"   "3972109"   "4129156"   "4129913"   "4143686"   "4185668"   "4208750"   "4249278"   "4378822"   "5584632"   "5695308").PN. OR ("5931623").URPN.	US_PGPUB; USPAT; USOOCR	OR	ON	2009/05/05 13:47
S14	9	"412"/\$.cds. and (bind \$3 and ((move\$4 or align\$3) near10 pin\$3) near10 hole\$3 and (spiral\$3 or coil\$3 or wire\$3) near10 bind \$3)	US_PGPUB; USPAT; USOOCR; FFPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/05 14:03
S15	0	kurabayashil.in.	US_PGPUB; USPAT; USOOCR; FFPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/05 16:37
S16	2348	kurabayashi.in.	US_PGPUB; USPAT; USOOCR; FFPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/05 16:39
S17	9	S16 and bind\$3 near10 (process\$3 or mechanism\$3 or unit \$3 or device\$3 or apparatus\$3) and (table\$3 or tray\$3 or accumulator\$3) near10 (move\$3 or rotate\$3)	US_PGPUB; USPAT; USOOCR; FFPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/05 16:41
S18	4960	"270"/\$.cds. and (bind \$3 and (table\$3 or tray \$3 or accumulator\$3) near10 (move\$3 or rotate\$3 or turn\$3) with paper\$3 or sheet \$3)	US_PGPUB; USPAT; USOOCR; FFPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/05 16:46

S19	34	S18 and paper\$3 with punch\$3 and hole\$3 and (table\$3 or tray \$3) near10 bind\$3	US_PGPUB; USPAT; USOOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/05 16:48
S20	5	S16 and bind\$3 near10 (mechanism\$3 or unit \$3 or device\$3) and (table\$3 or tray\$3) near15 (move\$3 and rotate\$3)	US_PGPUB; USPAT; USOOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/05 17:03
S21	2	baba.in. and bind\$3 near10 (mechanism\$3 or unit\$3 or device\$3) and (table\$3 or tray \$3) near15 (move\$3 and rotate\$3)	US_PGPUB; USPAT; USOOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/05 17:04
S22	21	yoshie.in. and bind\$3 near10 (mechanism\$3 or unit\$3 or device\$3) and (table\$3 or tray \$3) near15 (move\$3 and rotate\$3)	US_PGPUB; USPAT; USOOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/05 17:05
S23	4	"270".\$cols. and (bind \$3 near20 (table\$3 or tray\$3 or accumulat \$3) near10 (move\$3 and (rotate\$3 or pivot \$3)) with paper\$3)	US_PGPUB; USPAT; USOOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/05 17:14
S24	1	"412".\$cols. and (bind \$3 near20 (table\$3 or tray\$3 or accumulat \$3) near10 (move\$3 and (rotate\$3 or pivot \$3)) with paper\$3)	US_PGPUB; USPAT; USOOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/05 17:16
S25	59	("412".\$cols. or "270/".\$cols.) and (bind\$3 near20 (table\$3 or tray \$3 or accumulat\$3) near10 (rotate\$3 or pivot\$3)) and move\$3 and (paper\$3 or sheet \$3)	US_PGPUB; USPAT; USOOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/05 17:18
S26	2	"20010042952".pn.	US_PGPUB; USPAT; USOOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/05 17:28

S27	1	("270"/\$.cls or "412"/\$.cls.) and bind\$3 and (discharge\$3 or release\$3) near15 (paper\$3 or book\$4 or stack\$3 or leaf\$5 or signature\$3) near15 (alternate\$3 or shift\$3) with bind\$3 and (spiral \$3 or rings\$3 or binder \$3 or wire\$3) with (stacker\$3 or container \$3 or tray\$3)	US-PGPUB; USPAT; USOOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/05 17:39
S28	1	(bind\$3 near10 (machine\$3 or mechanism\$3)) and bind\$3 and (discharge \$3 or release\$3) near15 (paper\$3 or book\$4 or stack\$3 or leaf\$5 or signature\$3) near15 (alternate\$3 or shift\$3) with bind\$3 and (spiral\$3 or rings \$3 or binder\$3 or wire \$3) with (stacker\$3 or container\$3 or tray\$3)	US-PGPUB; USPAT; USOOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/05 17:41
S29	1	bind\$3 and (discharge \$3 or release\$3) near15 (paper\$3 or book\$4 or stack\$3 or leaf\$5 or signature\$3) near15 (alternate\$3 or shift\$3) with bind\$3 and (spiral\$3 or rings \$3 or binder\$3 or wire \$3) with (stacker\$3 or container\$3 or tray\$3)	US-PGPUB; USPAT; USOOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/05 17:41
S30	16	bind\$3 and (discharge \$3 or release\$3) near15 (paper\$3 or book\$4 or stack\$3 or leaf\$5 or signature\$3) near15 (alternate\$3 or shift\$3) with bind\$3 and (spiral\$3 or rings \$3 or binder\$3 or wire \$3)	US-PGPUB; USPAT; USOOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/05 17:41

S31	2	bind\$3 and (discharge \$3 or release\$3) near15 (paper\$3 or book\$4 or stack\$3 or leaf\$5 or signature\$3) near15 (alternate\$3 or shift\$3) with overlap\$3	US_PGPUB; USPAT; USOOCR; FFPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/05 17:51
S32	9189	"270"/\$.cls. or "412"/ \$.cls. and (discharge \$3 or release\$3) near15 (book\$4 or stack\$3 or bundle\$3 or signature\$3) near15 (container\$3 or tray\$3 or stacker\$3) near15 (slats\$3 or partition\$3 or divider\$3) and move \$3	US_PGPUB; USPAT; USOOCR; FFPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/05 17:57
S33	0	("270"/\$.cls. or "412"/ \$.cls.) and ((discharge \$3 or release\$3) near10 (book\$4 or stack\$3 or bundle\$3 or signature\$3)) near15 (container\$3 or tray\$3 or stacker\$3) near10 (slats\$3 or partition\$3 or divider\$3) with move \$3	US_PGPUB; USPAT; USOOCR; FFPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/05 17:58
S34	3	("270"/\$.cls. or "412"/ \$.cls.) and ((discharge \$3 or release\$3) near10 (book\$4 or stack\$3 or bundle\$3 or signature\$3)) near15 (container\$3 or tray\$3 or stacker\$3) near10 (slats\$3 or partition\$3 or divider\$3) and move \$3	US_PGPUB; USPAT; USOOCR; FFPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/05 17:58
S35	0	("270"/\$.cls. or "412"/ \$.cls.) and (discharge \$3 or release\$3) near20 ((container\$3 or tray\$3 or stacker\$3) near15 (vertical\$3 and (slats\$3 or partition\$3 or divider\$3))) and move\$3	US_PGPUB; USPAT; USOOCR; FFPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/05 18:02

S36	1	("270"/\$.cdls. or "412"/\$.cdls.) and (container \$3 or tray\$3 or stacker \$3) near20 stack\$3 with (vertical\$3 or upright\$3) near15 (slat \$3 or partition\$3 or divider\$3)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/05 18:03
S37	15	("270"/\$.cdls. or "412"/\$.cdls.) and (container \$3 or tray\$3 or stacker \$3) near20 stack\$3 near15 (slat\$3 or partition\$3 or divider \$3)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/05 18:04
S38	28347	(bind\$3 or ((post\$3 near3 process\$3)) and (container\$3 or tray\$3 or stacker\$3 or bin\$3) near15 (slat\$3 or divider\$3) and belt\$3) with move\$3	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/05 18:13
S39	1429333	(bind\$3 or ((post\$3 near3 process\$3)) and ((container\$3 or bin \$3) near10 (slat\$3 or divider\$3) with belt\$3) with move\$3)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/05 18:15
S40	9189	"270"/\$.cdls. or "412"/\$.cdls. and (container \$3 or bin\$3) near10 (slat\$3 or divider\$3) with belt\$3	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/05 18:16
S41	38	S40 and (vertical\$3 or upright\$3) near10 (slat \$3 or divide\$3)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/05 18:16
S42	158	("270"/\$.cdls. or "271"/\$.cdls. or "412"/\$.cdls.) and bind\$3 and (rotate \$3 or pivot\$3) near10 (table\$3 or tray\$3) and (hole\$3 near10 punch\$3)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/09 17:37

S43	107	("270"/\$.cls. or "271"/\$.cls. or "412"/\$.cls.) and bind\$3 and (rotate \$3 or pivot\$3) near5 (table\$3 or tray\$3) and (hole\$3 near10 punch\$3)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/09 17:44
S44	10	S43 and (ring\$3 near10 bind\$3)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/09 17:54
S45	415	("270"/\$.cls. or "412"/\$.cls.) and (punch\$3 and bind\$3) and (((align\$3 or position \$3) near10 (sheet\$3 or bundle\$3 or stack\$3 or book\$3)) with (table\$3 or tray\$3))	US_PGPUB; USPAT	OR	ON	2010/03/25 15:29
S46	41	("270"/\$.cls. or "412"/\$.cls.) and (punch\$3 and bind\$3) with (((align\$3 or position \$3) near10 (sheet\$3 or bundle\$3 or stack\$3 or book\$3)) with (table\$3 or tray\$3))	US_PGPUB; USPAT	OR	ON	2010/03/25 15:30
S47	415	("270"/\$.cls. or "412"/\$.cls.) and (punch\$3 and bind\$3) and (((align\$3 or position \$3) near10 (sheet\$3 or bundle\$3 or stack\$3 or book\$3)) with (table\$3 or tray\$3))	US_PGPUB; USPAT	OR	ON	2010/03/25 15:43
S48	24	S47 and (ring\$3 near10 bind\$3)	US_PGPUB; USPAT	OR	ON	2010/03/25 15:44
S49	0	WO093025.pn.	US_PGPUB; USPAT	OR	ON	2010/03/25 19:52
S50	0	"093025".pn.	US_PGPUB; USPAT	OR	ON	2010/03/25 19:52
S51	127	("270"/\$.cls. or "412"/\$.cls.) and bind\$3 and (punch\$3 near10 hole\$3) and (align\$3 near5 hole\$3)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/08/12 12:57

S52	6	S51 and position\$3 and (align\$3 or position \$3 or press\$3) near20 ((forward\$3 or first\$3 or front\$3 or leading \$3) near10 end\$3) with (retract\$3 or movable\$3 or moving \$3) and (table\$3 or tray\$3)	US_PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/08/12 13:00
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